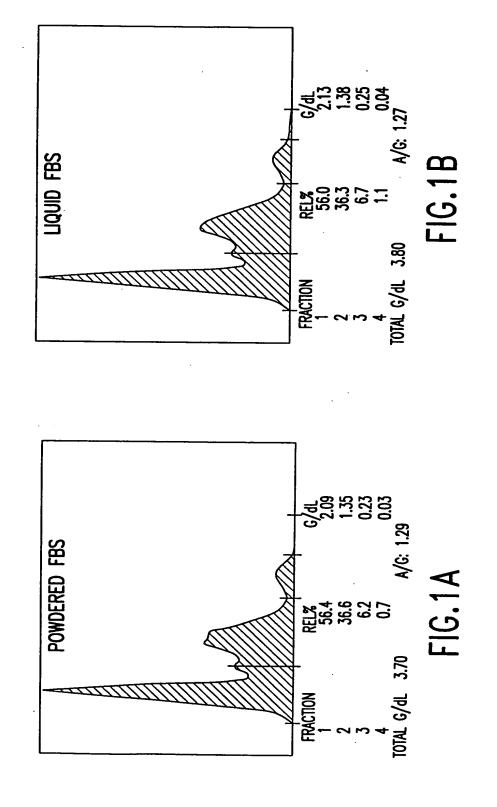
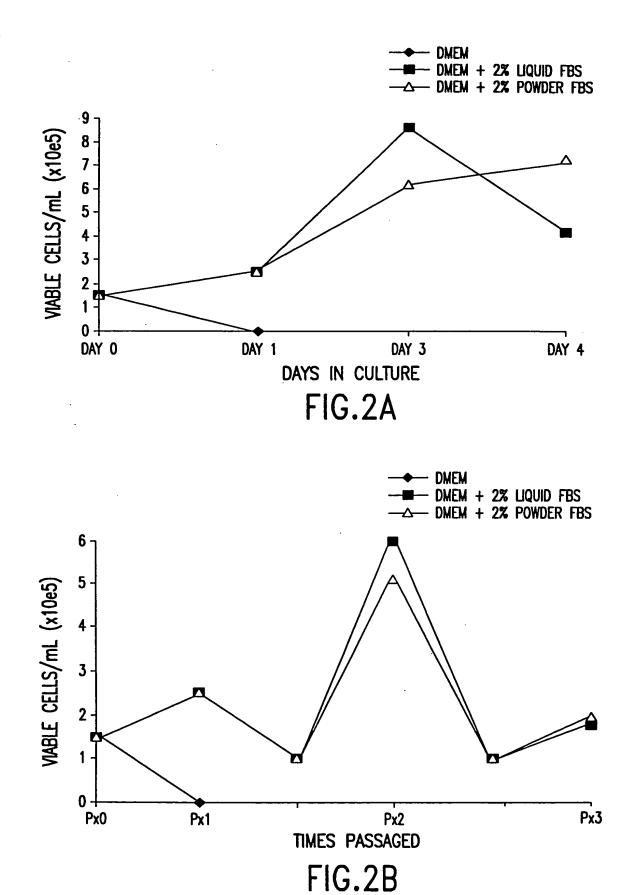
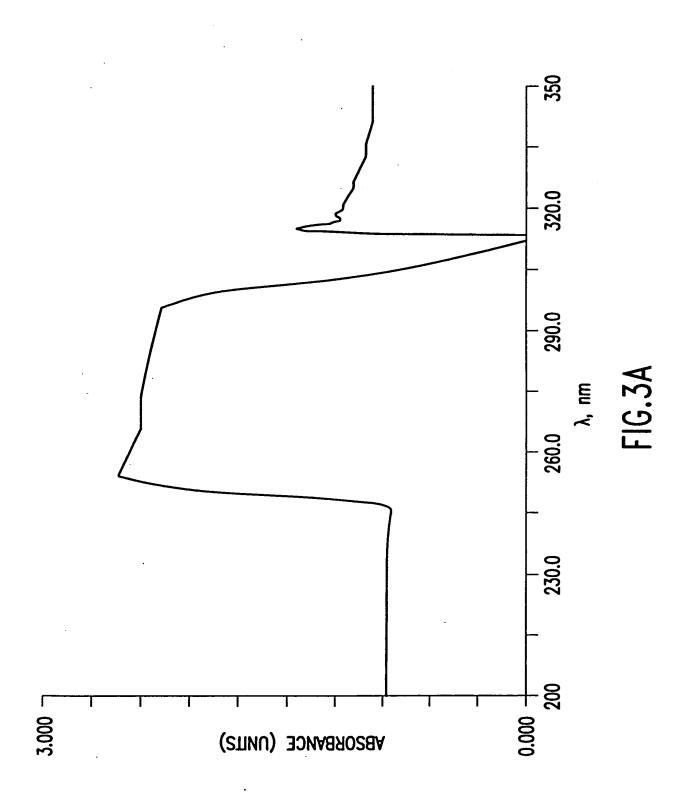
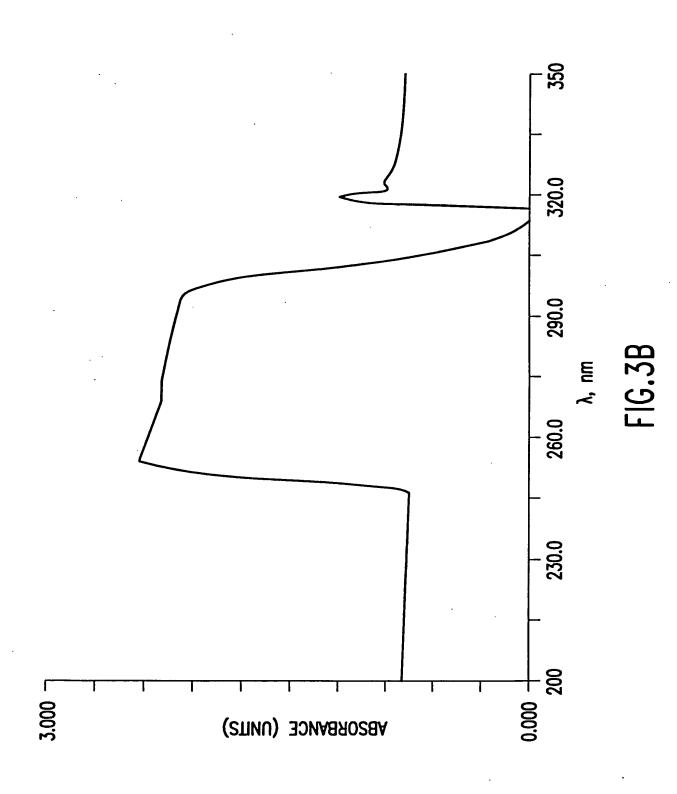
APPROVED BY DRAFTSMAN





BY DRAFTSMAN





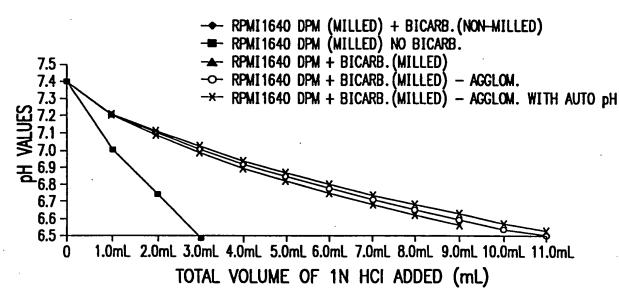


FIG.4A

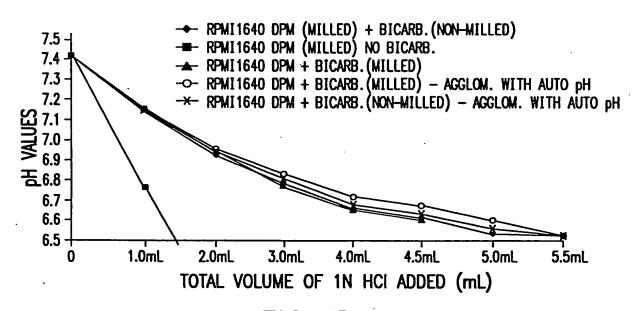
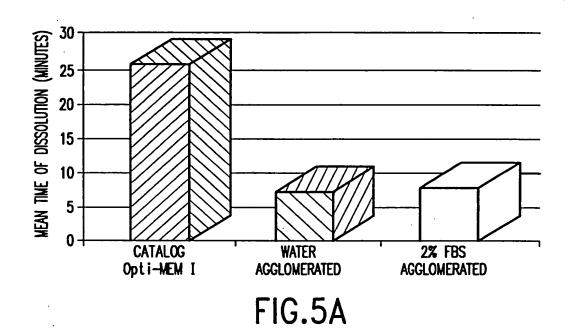


FIG.4B



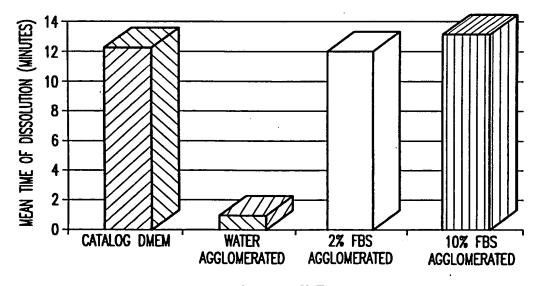


FIG.5B

DAY 3

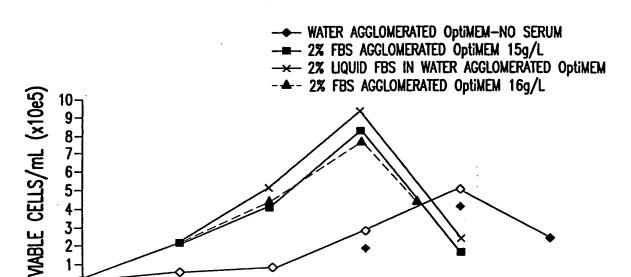


FIG.6A

DAYS IN CULTURE

DAY 7

DAY 4

DAY 12

DAY 8

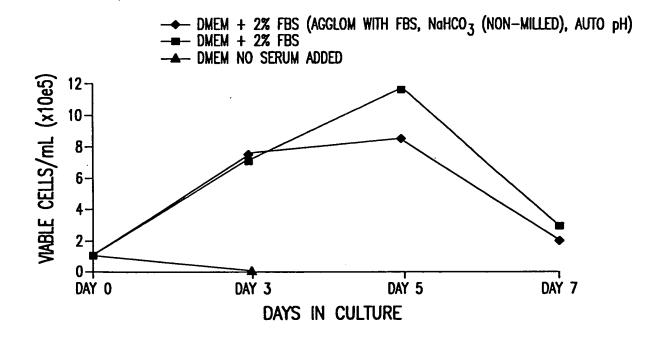
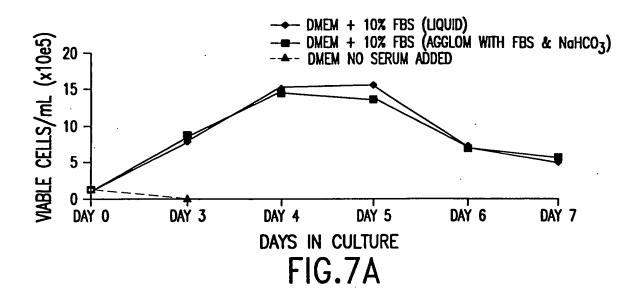
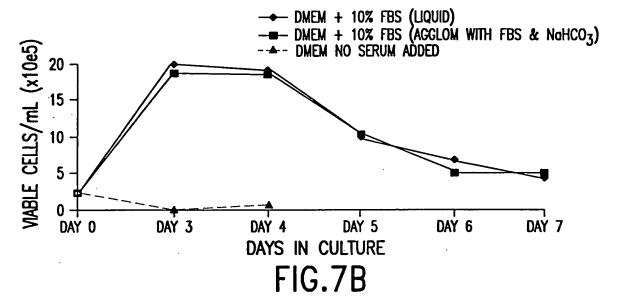
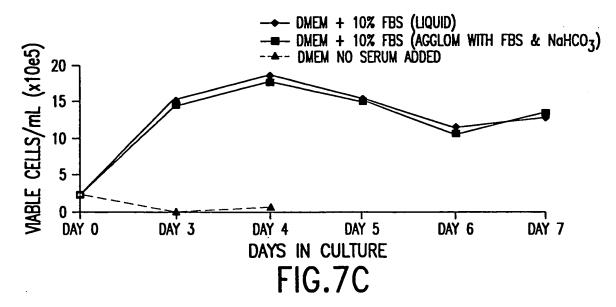


FIG.6B







9

8

3

2

1

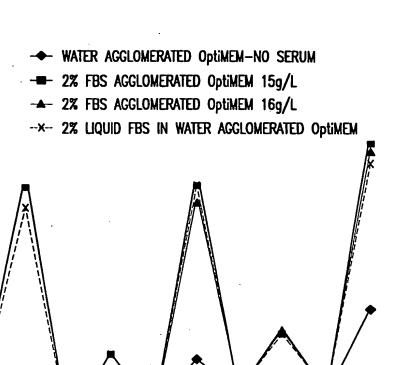
0

Px0

Px1

Px2

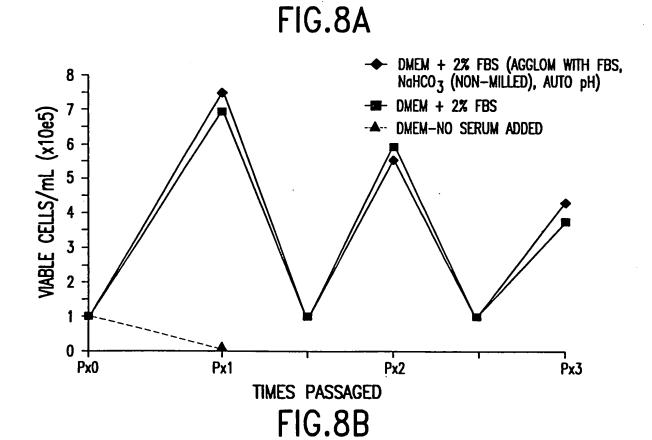
VIABLE CELLS/mL (x10e5)



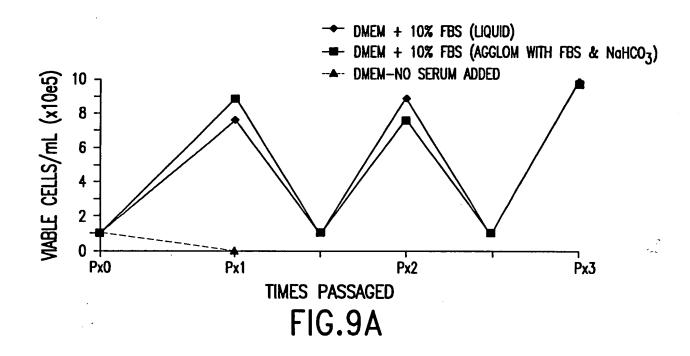
Px4

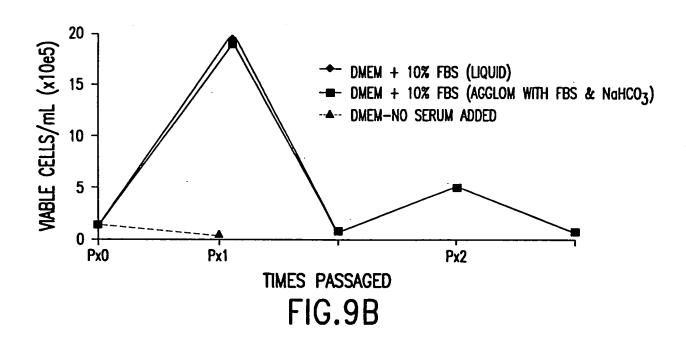
Px5

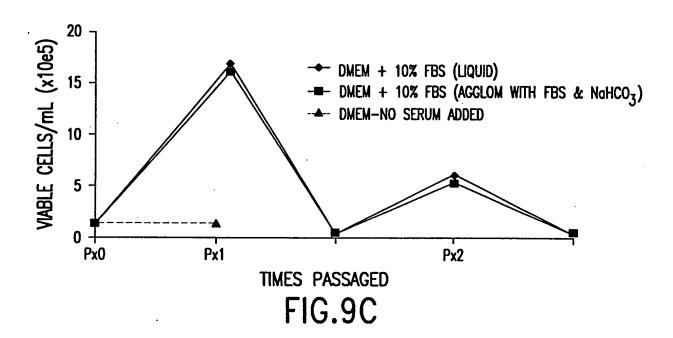
¬ Px6

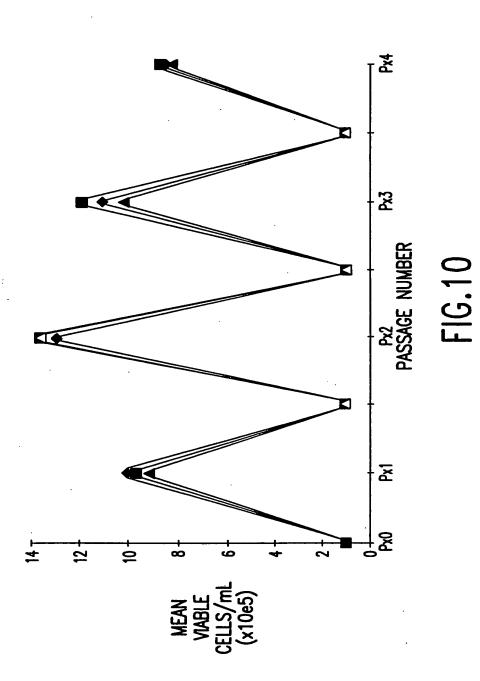


Px3
TIMES PASSAGED



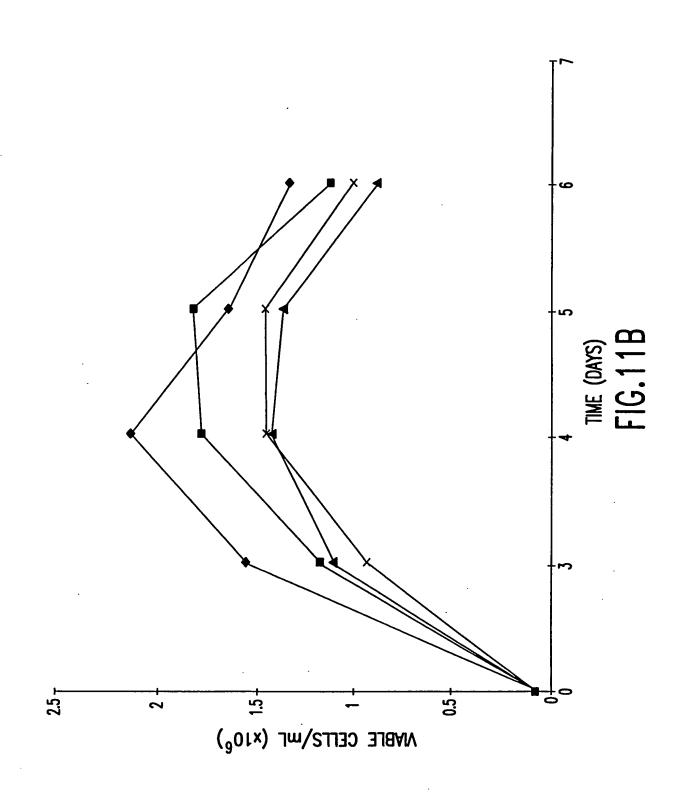




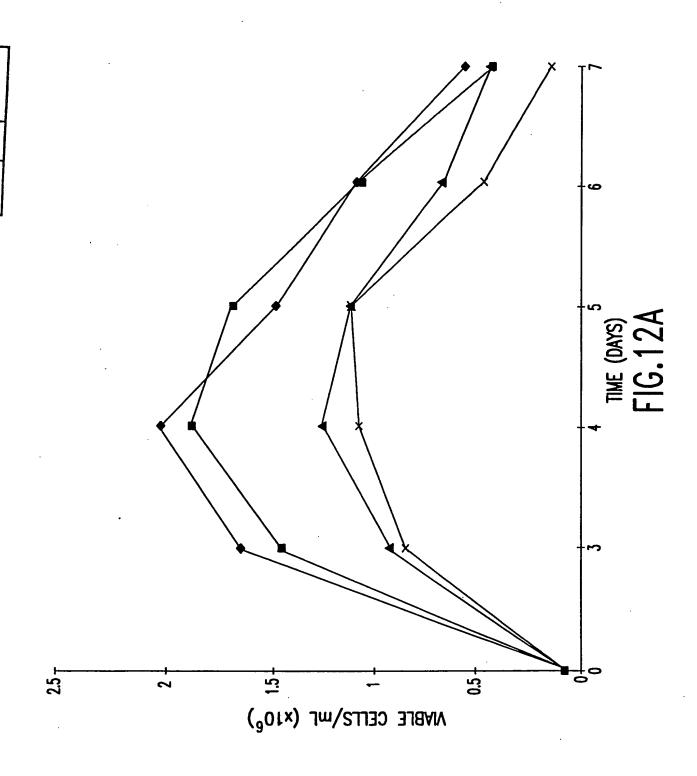


APPROVED O.G. FIG. BY CLASS SUBCLASS DRAFTSMAN		9
CTZCS40 .1.1.0800		3 4 5 TIME (DAYS) FIG.11A
	VIABLE CELLS/mL (x10 ⁶)	

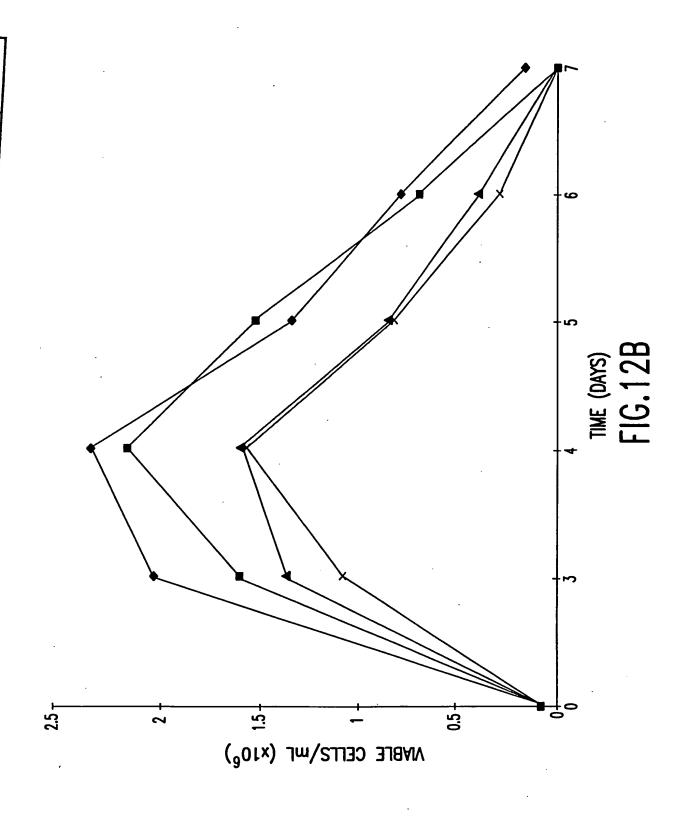
APPROVED O.G. FIG.
BY OLASS SUBCLASS



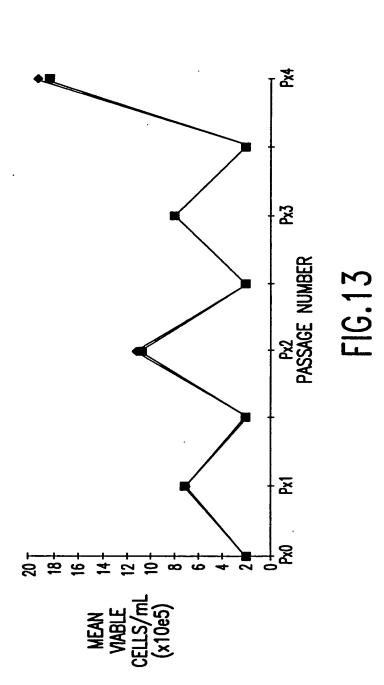
APPROVED O.G. FIG.
BY CLASS SUBCLASS

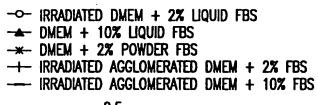


APPROVED O.G. FIG.
BY CLASS SUBCLASS



0.G. FIG.	CLASS SUBCLASS	225	
APPROVED (À	DRAFTSMAN	
	~		•





DMEM + 2% LIQUID FBS

DMEM + 2% POWDER IRRADIATED FBS

DMEM + 10% POWDER IRRADIATED FBS

AGGLOMERATED DMEM + 2% FBS

AGGLOMERATED DMEM + 10% FBS

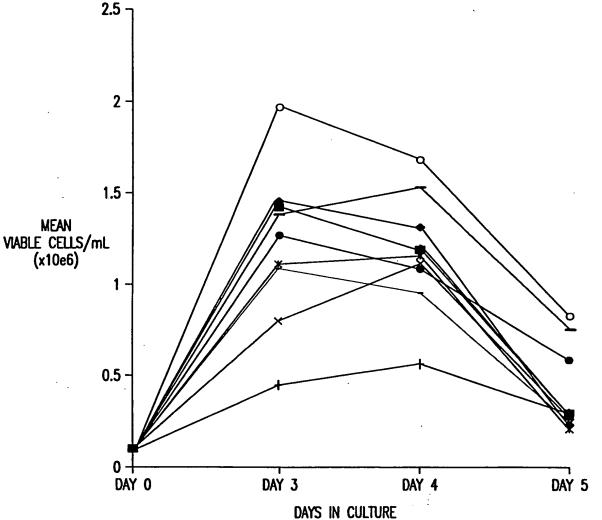
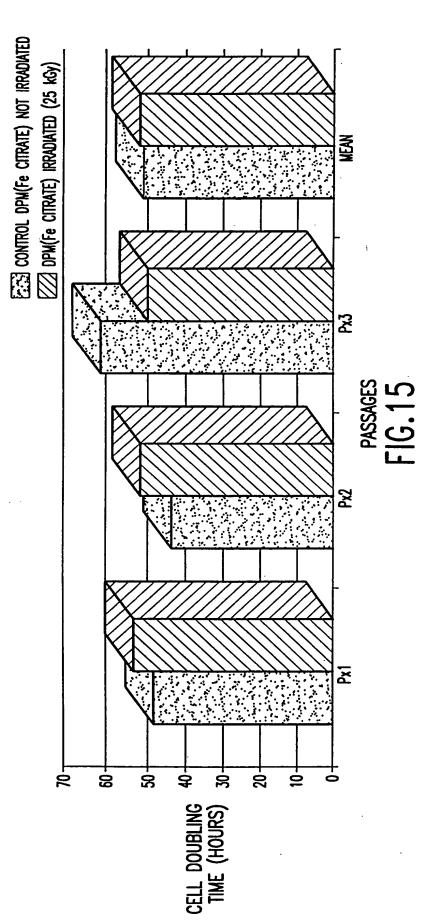
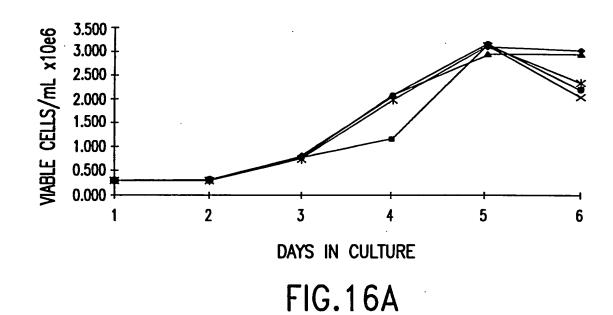


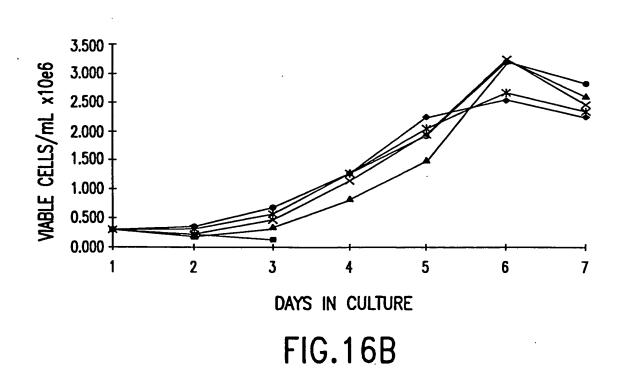
FIG.14



VERO CELL GROWTH IN IRRADIATED VP-SFM







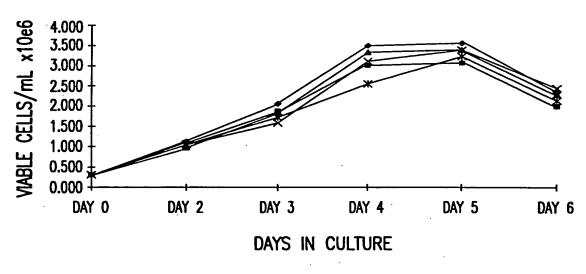
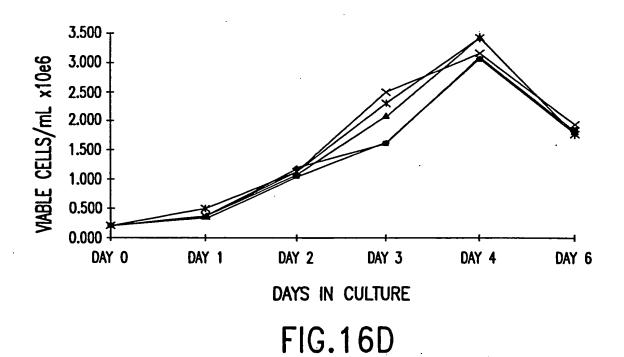
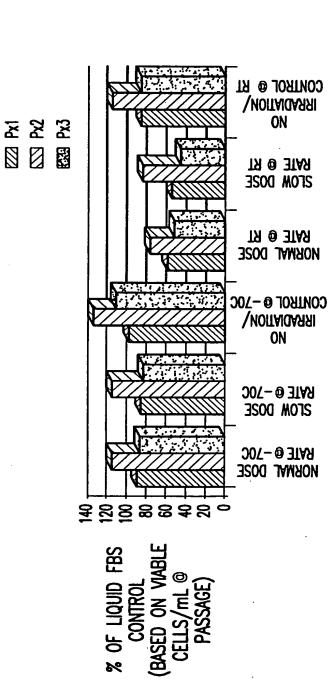


FIG.16C



O.G. FIG.	SUBCLASS	
_	CLASS	
APPROVED	λa	DRAFTSMAN

EFFECT OF IRRADIATION CONDITIONS OF SPRAY DRIED FBS ON SP-2 CELL GROWTH



SPRAY DRIED FBS IRRADIATION CONDITIONS

FIG.17A

EFFECT OF IRRADIATION CONDITIONS OF SPRAY DRIED FBS ON AE-1 CELL GROWTH

5588340 % OF LIQUID FBS CONTROL

SPRAY DRIED FBS IRRADIATION CONDITIONS

NO RRADIATION & RT & RT

STOW DOSE

NORMAL DOSE

IRRADIATION/ NO NO

STOW DOSE

NORMAL DOSE

FIG.17B

2 器

CONTROL @ RT NO STOW DOSE HORMAL DOSE NOITADIATION / CONTROL @ -70C SLOW DOSE NORMAL DOSE

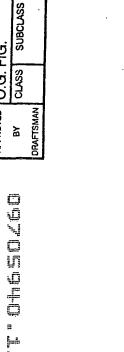
8828248250

% of Liquid FBS Control (Based on Vable

CELLS/mL @

SPRAY DRIED FBS IRRADIATION CONDITIONS

FIG.17C



NO IRRADIATION CONTROL © RT EFFECT OF SPRAY DRIED FBS IRRADIATION CONDITIONS ON BHK CELL GROWTH SLOW DOSE <u>x</u> NORMAL DOSE NOITROL & -70C SLOW DOSE NORMAL DOSE RATE @ -70C 25883480 - 1 1 1 1 1 1 % OF LIQUID FBS CONTROL (BASED ON VIABLE

SPRAY DRIED FBS IRRADIATION CONDITIONS

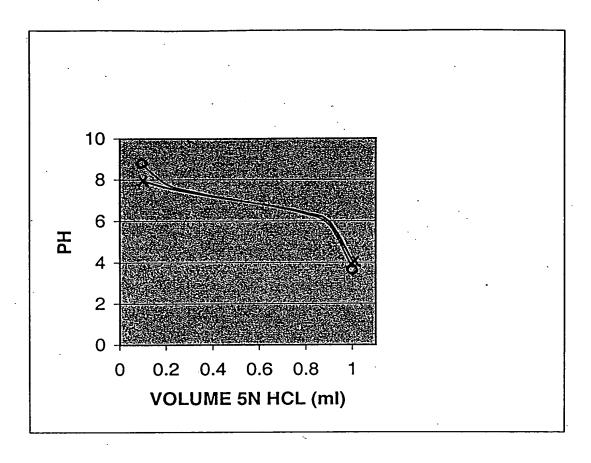


FIGURE 18

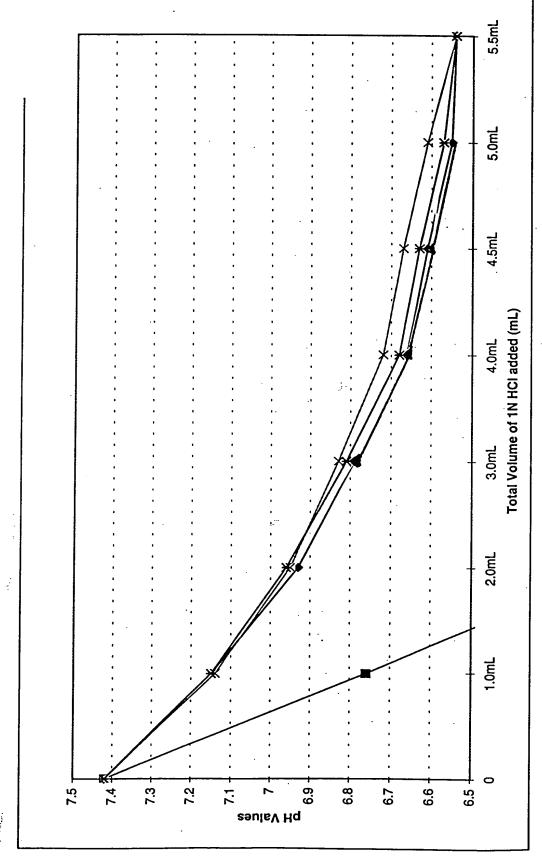


FIGURE 19A

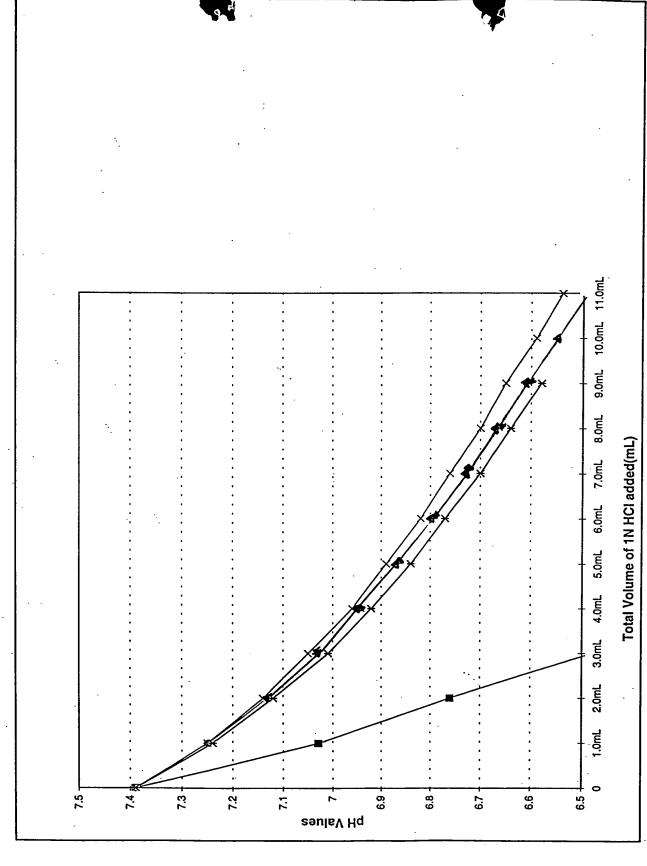


figure 198